EAST Search History

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|---|--|---------------------|---------|---------------------|
| S235 | 5 | 726/8.ccls. and (PAP CHAP) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/04 08:55 |
| S234 | 0 | 726/8.ccls. and (PAP CHAP) and sms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/04 08:55 |
| S233 | 0 | 726/8.ccls. and (PAP CHAP) same sms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/04 08:54 |
| S232 | 0 | S231 and (@ad<"20000922" @rlad<"20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/02 17:47 |
| S231 | 18 | (PAP CHAP EAP) with sms | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/02 17:46 |
| S230 | 0 | (PAP CHAP EAP) and sms and \$227 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/02 17:46 |
| S229 | 6 | S227 and radius | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/02 17:40 |
| S228 | 0 | S227 and radius and sms | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/02 17:40 |

| \$227 | 46 | (US-20020087553-\$ or US-20020173306-\$ or US-20020114288-\$ or US-20020064142-\$ or US-20020037708-\$ or US-20020037708-\$ or US-20020037708-\$ or US-20020043990-\$ or US-20020068554-\$ or US-20040103311-\$).did. or (US-6510153-\$ or US-668876-\$ or US-6061346-\$ or US-6477644-\$ or US-6745029-\$ or US-6725037-\$ or US-6738362-\$ or US-6928277-\$ or US-6963582-\$ or US-6738362-\$ or US-65259925-\$ or US-566404-\$ or US-6760444-\$ or US-6559925-\$ or US-5590197-\$ or US-6760444-\$ or US-6512754-\$ or US-6675208-\$ or US-6512754-\$ or US-6690798-\$ or US-693666-\$ or US-6766160-\$ or US-6760160-\$ or US-6760160-\$ or US-6760160-\$ or US-6760160-\$ or US-6760160-\$ or US-677909-\$ or US-6112078-\$ or US-6977909-\$ or US-6377982-\$). did. or (EP-1014619-\$).did. or (GB-2342816-\$ or WO-200141470-\$ or US-5668876-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2008/02/02 |
|-------|----|---|-------------------------------------|----|-----|---------------------|
| \$226 | 46 | (US-20020087553-\$ or US-20020173306-\$ or US-20020114288-\$ or US-20020064142-\$ or US-20020056729-\$ or US-20020037708-\$ or US-200200143990-\$ or US-20020068554-\$ or US-20020068554-\$ or US-20040103311-\$).did. or (US-6510153-\$ or US-5668876-\$ or US-6061346-\$ or US-6745029-\$ or US-6725037-\$ or US-6738362-\$ or US-6928277-\$ or US-5907815-\$ or US-6738621-\$ or US-6259925-\$ or US-5864604-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6675208-\$ or US-6512754-\$ | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2008/02/02 17:39 |

| | | or US-6690798-\$ or US-7039708-\$ or US-6993666-\$ or US-6766160-\$ or US-6230002-\$ or US-7031699-\$). did. or (US-6996072-\$ or US-6977909-\$ or US-6112078-\$ or US-6954633-\$ or US-6259909-\$ or US-6377982-\$). did. or (EP-1014619-\$).did. or (GB-2342816-\$ or WO-200141470-\$ or US-5668876-\$).did. | | | and the second s | |
|-------|----|---|---|----|--|---------------------|
| S225 | 13 | S223 and sms | USPAT | OR | OFF | 2008/02/02 17:39 |
| S224 | 0 | S223 and radius and sms | USPAT | OR | OFF | 2008/02/02 17:39 |
| \$223 | 46 | (US-20020087553-\$ or US-20020173306-\$ or US-20020114288-\$ or US-20020064142-\$ or US-20020037708-\$ or US-20020037708-\$ or US-20020037708-\$ or US-20020068554-\$ or US-20040103311-\$).did. or (US-6510153-\$ or US-5668876-\$ or US-6061346-\$ or US-6745029-\$ or US-6725037-\$ or US-6738362-\$ or US-6353745-\$ or US-6963582-\$ or US-6738621-\$ or US-6259925-\$ or US-5560444-\$ or US-6563800-\$ or US-5590197-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6675208-\$ or US-6512754-\$ or US-6690798-\$ or US-6766160-\$ or US-6766160-\$ or US-6766160-\$ or US-6766160-\$ or US-677909-\$ or US-6112078-\$ or US-6954633-\$ or US-6259909-\$ or US-6377982-\$). did. or (EP-1014619-\$).did. or (GB-2342816-\$ or WO-200141470-\$ or US-5668876-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2008/02/02 |
| S222 | 9 | S221 and accounting | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 20:35 |

| S221 | 137 | hundscheidt and frank | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 20:35 |
|------|-----|--|--|----|-----|---------------------|
| S220 | 2 | S219 and (@ad< "20000922" @rlad< "20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:53 |
| S219 | 115 | (CHAP RADIUS) and (pin password secret key) with (sms) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:53 |
| S218 | 4 | S215 and (@ad<"20000922" @rlad<"20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:52 |
| S217 | 2 | S215 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:50 |
| S216 | 1 | S215 and @pd<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:50 |
| S215 | 36 | (CHAP RADIUS) with (sms) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:49 |
| S214 | 139 | (CHAP RADIUS) same (sms) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:49 |
| S213 | 144 | (CHAP RADIUS) same (sms short with text with message) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:49 |
| S212 | 10 | HAAA and VAAA | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/01 19:24 |
| S211 | 8 | HAAA and VAAA | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/01 19:23 |

| S210 | 66 | S209 and bill\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/25 17:07 |
|------|-----|---|--|----|-----|---------------------|
| S209 | 115 | S208 and visit\$3 same home | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/25 17:07 |
| S208 | 156 | S205 and (@ad< "20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/25 17:05 |
| S207 | 198 | S205 and (@ad<"20000922" @rlad<"20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/25 17:05 |
| S196 | 84 | S194 and (@ad< "20000922" @rlad< "20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/25 17:05 |
| S206 | 0 | S205 and HAAA | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/25 17:04 |
| S205 | 392 | isdn same roam\$3 same service\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/25 17:04 |
| S204 | 36 | ("5175758" "5263178" "5315634" "5353328" "5490235" "5557639" "5604921" "5608778" "5668876" "5794142").PN. OR ("6112078").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/25 17:04 |
| S203 | 8 | sormunen and nokia and authentication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/25 15:52 |
| S202 | 1 | "7039708".pn. | USPAT | OR | OFF | 2008/01/25 15:08 |
| S201 | 1 | andersen and initial with password with sms and nokia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/22 14:54 |
| S200 | 0 | anderson and initial with password with sms and nokia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/22 14:54 |

| S199 | 8 | ("20020068554" "5577103" "5915222" "5915225" "5956636" "6119014" "6230002" "6556820").PN. OR ("7031699").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/22 14:54 |
|------|-----|--|--|----|-----|---------------------|
| S198 | 1 | "7031699".pn. | USPAT | OR | OFF | 2008/01/22 14:17 |
| S197 | 112 | S195 and (@ad<"20000922" @rlad<"20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/22 12:12 |
| S195 | 204 | (sms text adj messag\$3) with (password PIN) | USPAT | OR | OFF | 2008/01/22 12:12 |
| S194 | 84 | S193 and (@ad< "20000922" @rlad< "20000922") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/22 12:12 |
| S193 | 153 | (sms with (password PIN)) | USPAT | OR | OFF | 2008/01/22 12:12 |
| S154 | 29 | S152 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/22 12:08 |
| S192 | 8 | 726/8.ccls. and PIN and phone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/05 23:57 |
| S92 | 90 | 726/8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/05 23:57 |
| S62 | 2 | S61 and @ad<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/05 23:28 |
| S182 | 2 | "6512754".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/05 14:59 |
| S181 | 13 | ("5668876" "6512754" "6745047" "6785823" "6879574").pn. "20040044789" "20040219954" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 22:37 |
| S180 | 2 | "7152160".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 22:35 |

| S179 | 2 | mellstrand and network | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 22:34 |
|------|-----|---|---|----|-----|---------------------|
| S163 | 467 | tether\$3 with mobile | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 22:29 |
| S178 | 3 | leivo and mika | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 22:28 |
| S177 | 1 | leivo and mika | USPAT | OR | OFF | 2007/08/04 22:27 |
| S176 | 0 | ("2006/0069914").URPN. | USPAT | OR | OFF | 2007/08/04 22:27 |
| S175 | 9 | temporary with PIN same (internet network) with access \$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/04 22:16 |
| S174 | 10 | S173 and (tempor\$5 session) with (PIN\$1 password\$1 key \$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/04 22:15 |
| S173 | 53 | S172 and (@ad<"20000924" @rlad<"20000924") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/04 22:08 |
| S172 | 139 | (request\$3 same PIN) and (browser same PIN) same (internet network) and auth \$10 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/04 22:01 |
| S170 | 34 | S169 and (@ad<"20000924" @rlad<"20000924") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/04 22:01 |
| S171 | 9 | PIN same browser same enter \$3 same ((internet network) near3 access\$4) same auth \$10 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/04 21:59 |
| S169 | 198 | S168 and cellular | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 21:24 |
| S168 | 323 | mobile adj gateway | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 21:24 |
| S167 | 56 | tether\$3 with (mobile cellular) adj phone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 21:23 |

| S166 | 6 | (tether\$3 with (mobile cellular) adj phone) same access\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 21:21 |
|------|-----|---|--|----|-----|---------------------|
| S165 | 55 | S163 and (cellular gsm) and modem | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 20:40 |
| S164 | 16 | S163 and authenticat\$3 and PIN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 20:02 |
| S162 | 915 | tether\$3 same mobile | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 20:01 |
| S161 | 68 | tethering same mobile | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/04 20:00 |
| S160 | 2 | "6430407".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/21 11:02 |
| S159 | 9 | S157 and roam\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 17:22 |
| S158 | 8 | S157 and roaming | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 17:21 |
| S157 | 927 | 705/30.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 17:20 |
| S156 | 8 | S154 and browser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:15 |

| S155 | 8 | S154 and browser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 13:15 |
|------|-----|--|--|----|-----|---------------------|
| S32 | 28 | S30 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 13:14 |
| S153 | 3 | (password) same (SMS) same (mobile\$1ip) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:13 |
| S152 | 253 | (password) same (SMS) same (mobile\$1ip mobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:13 |
| S151 | 1 | (one\$1time\$1password) same (SMS) same (mobile \$1ip mobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:13 |
| S150 | 0 | browser same (one\$1time \$1password) same (SMS) same (mobile\$1ip mobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/20 13:12 |
| S149 | 0 | browser same (one\$1time \$1password) same (SMS) same (mobile\$1ip mobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 13:12 |
| S147 | 66 | browser same (password pin) same (LDAP Radius) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 13:11 |
| S148 | 6 | S147 and sms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 12:55 |
| S146 | 2 | "20050124288" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 12:54 |

| S144 | 14 | sms with (password pin) same (LDAP Radius) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 12:54 |
|------|----|---|--|----|-----|---------------------|
| S145 | 8 | ("6012144" "6567915" "6738362" "6539482").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 12:53 |
| S143 | 21 | radius with sms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 12:38 |
| S142 | 0 | radius same lcd same sms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 12:23 |
| S141 | 4 | mobile\$11P and authentic\$5 same SMS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ÖFF | 2007/04/20 12:22 |
| S140 | 4 | mobile\$11P and authentic\$5 with SMS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 11:36 |
| S139 | 5 | CHAP same SMS same authentication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/20 11:33 |
| S138 | 3 | S137 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/19 16:19 |
| S137 | 14 | login with pin with browser | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/19 16:18 |
| S136 | 0 | login with pin with browser and transfer\$4 with PIN | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/19 16:18 |
| S135 | 0 | login with pin with browser same transfer\$4 with PIN | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/19 16:18 |
| S134 | 0 | login with pin with browser with transfer\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/19 16:18 |
| S133 | 43 | S132 and @ad< "20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 15:17 |

| S132 | 108 | MSC adj compris\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 15:16 |
|------|------|--|--|----|-----|---------------------|
| S131 | 0 | MSC adj comprises | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 15:16 |
| S130 | 0 | MSC adj comprises with device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 15:16 |
| S129 | 528 | S128 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 12:06 |
| S120 | 20 | S119 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 12:05 |
| S128 | 1603 | PCS with frequency with cellular | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 12:04 |
| S127 | 6 | turunen and matti and sms | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 15:14 |
| S126 | 153 | S125 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:23 |
| S125 | 500 | PCS with cellular with differen \$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:23 |
| S124 | 3314 | S123 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:23 |

| S121 | 26 | PCS with cellular with account | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:23 |
|------|-------|--|--|----|-----|---------------------|
| S123 | 11188 | PCS with cellular | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:22 |
| S122 | 6 | S121 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:22 |
| S119 | 67 | home same ((PIN Password)) same (authenticat\$3 authoriz \$3) same (visit\$3 foreign) same network\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/19 16:55 |
| S118 | 2 | home same (issu\$3 with (PIN Password)) same (authenticat \$3 authoriz\$3) same (visit\$3 foreign) same network\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/19 16:55 |
| S117 | 12 | ("6542583" "6615057" "6363151" "6430407" "5991407" "6477644").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/19 16:52 |
| S115 | 64 | S114 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/19 15:51 |
| S116 | 7 | RAND with (SMS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/19 14:21 |
| S114 | 210 | (home same visit\$3 same network) and ((send\$3 transmit\$4) with (PIN password)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/19 10:38 |
| S109 | 10 | S107 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/19 10:38 |
| S113 | 19 | (home same visit\$3 same network) and (authoriz\$5 same (PIN password) same (sms short\$1messag \$4service)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/19 10:37 |

| S112 | 10 | S111 and @ad<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:27 |
|------|-----|--|--|----|-----|---------------------|
| S111 | 94 | (short\$1messag\$3service sms) same (PPP) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:27 |
| S110 | 3 | (short\$1messag\$3service) same (PIN password secret code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:27 |
| S106 | 0 | S104 and (short\$1messag \$3service) same (PIN password secret code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:26 |
| S108 | 1 | S107 and @pd<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:22 |
| S107 | 76 | sms same (PIN password secret code) same roam\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:21 |
| S105 | 23 | S104 and sms same (PIN password secret code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:21 |
| S29 | 58 | S28 and @pd<"20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 18:21 |
| S104 | 899 | 455/432.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 17:53 |
| S103 | 2 | "20030224789" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 17:53 |

| S102 | 2 | "20020173306" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 17:53 |
|------|------|---|---|----|-----|---------------------|
| S101 | 33 | S100 and @ad< "20000922" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 17:47 |
| S100 | 96 | roam\$3 with (password PIN) and mobile | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/18 12:15 |
| S99 | 2 | "20040029580" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/15 17:08 |
| S98 | 2 | "20020037708" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/25 13:13 |
| S97 | 2 | S96 and card same button same PIN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/04 14:15 |
| S96 | 1429 | rahman.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/04 14:15 |
| S95 | 70 | S94 and @ad<"20000922" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/03 17:12 |
| S94 | 201 | S93 and authentication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/03 17:12 |
| S93 | 715 | 455/432.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/03 17:11 |

| S91 | 186 | 713/184.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/03 16:54 |
|-----|------|--|---|----|-----|---------------------|
| S90 | 4 | S89 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:32 |
| S89 | 126 | ((automat\$6) SAME (setting \$1 PIN password id) SAME (transfer\$3 transmit\$3 receiv \$3 pass\$3) SAME (phone mobile device portable) SAME (browser)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:32 |
| S88 | 1398 | S87 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:32 |
| S87 | 2467 | ((automat\$6) SAME (setting \$1 PIN password id) SAME (transfer\$3 transmit\$3 receiv \$3 pass\$3) SAME (phone mobile device portable) SAME (computer browser)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:32 |
| S86 | 1 | S84 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:31 |
| S83 | 1214 | (automat\$6 near2 (settings PIN password id)) with (transfer\$3 transmit\$3 receiv \$3 pass\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:28 |
| S85 | 810 | S83 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:26 |
| S84 | 47 | S83 and (phone and browser) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/18 10:23 |
| S82 | 5 | (authentication with (internet network lan wan)) with ((PIN personal adj identification adj number) AND browser) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 20:17 |
| S81 | 3 | (authentication same (internet network lan wan)) with ((PIN personal adj identification adj number) AND browser) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 20:17 |
| S80 | 3 | S75 and @ad< "20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 20:12 |
| S79 | 1 | S75 and @ad<"20000122" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:53 |
| S78 | 1 | S75 and @ad<"19990922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:53 |
| S77 | 0 | S75 and @ad<"1999922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:51 |
| S76 | 0 | S75 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:51 |

| S75 | 90 | ((pin and browser)) with ((mobile cellular portable)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:50 |
|-----|------|---|---------------------------|----|-----|---------------------|
| S73 | 0 | S72 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:50 |
| S72 | 15 | ((pin with access with browser)) and ((mobile cellular portable)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:49 |
| S74 | 5 | S72 and @ad<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:44 |
| S71 | 5 | S70 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:44 |
| S70 | 401 | ((pin) and ((mobile cellular portable) with browser)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:43 |
| S69 | 1258 | ((pin password) and ((mobile cellular portable) with browser)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:41 |
| S68 | 34 | S65 and @pd<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:41 |
| S65 | 1932 | ((pin password id) and ((mobile cellular portable) with browser)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:41 |
| S66 | 248 | S65 and @ad<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:40 |
| S67 | 222 | S66 and ((internet network server) with (permission access)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:39 |
| S64 | 4 | S63 and @ad<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:38 |
| S63 | 59 | ((pin password id) with ((mobile cellular portable) with browser)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:38 |
| S61 | 32 | ((pin password) with ((mobile cellular portable) with browser)) and access | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:35 |
| S58 | 20 | S57 and @ad<"20000922" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:24 |
| S60 | 16 | ((pin password) with ((mobile cellular portable) near3 browser)) and access | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:23 |
| S59 | 5 | ((pin password) with ((mobile cellular portable) near3 browser)) with access | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 18:06 |
| S57 | 112 | ((browser same pin) same (access accessing)) and ((mobile roaming wireless cell \$4) and (internet)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 17:56 |
| S56 | 2 | ((browser with pin) same ((mobile roaming wireless cell \$4) and (internet))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:27 |

| S55 | 1 | ((browser with pin) same ((mobile roaming wireless) with (internet))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:26 |
|-----|-----|--|---------------------------|-------------|-----|---------------------|
| S54 | 1 | ((browser with pin) same ((mobile roaming wireless) with (access near4 internet))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:26 |
| S53 | 4 | S52 and browser | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:21 |
| S52 | 18 | ("20020191575" "20030051041" "5708655" "5898780" "5905736" "5956391" "6104711" "6195705" "6240091" "6250557" "6366893" "6466571" "6484211" "6519252" "6535493" "6542497" "6567664" "6614774").PN. OR ("6804720").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:03 |
| S50 | 18 | ("20020191575" "20030051041" "5708655" "5898780" "5905736" "5956391" "6104711" "6195705" "6240091" "6250557" "6366893" "6466571" "6484211" "6519252" "6535493" "6542497" "6567664" "6614774").PN. OR ("6804720").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:03 |
| S51 | 1 | "6804720".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:02 |
| S47 | 33 | S46 and internet | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 16:01 |
| S49 | 0 | ("2002/0143990").URPN. | USPAT | OR | OFF | 2005/03/17 14:29 |
| S48 | 0 | ("2002/0143990").URPN. | USPAT | OR | OFF | 2005/03/17 14:28 |
| S46 | 452 | turunen | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 14:25 |
| S45 | 1 | "5724578".pn. | USPAT | OR | OFF | 2005/03/14 16:19 |
| S44 | 0 | ("2002/0037708").URPN. | USPAT | OR | OFF | 2005/03/14 16:19 |
| S42 | 2 | MCCANN STEPHEN HANCOCK ROBERT MAY JOHN HOOK MI CHAEL | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/03/14 13:15 |
| S43 | 0 | ("2002/0037708").URPN. | USPAT | OR | OFF | 2005/03/14 13:14 |
| S41 | 0 | MCCANN STEPHEN HANCOCK ROBERT MAY JOHNH HOOK MI CHAEL | US-PGPUB; USPAT; USOCR | AN D | OFF | 2005/03/14 13:13 |

| S40 | 61 | S33 and browser | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 13:12 |
|-----|-------|--|--|----|-----|---------------------|
| S39 | 663 | 380/270 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 13:01 |
| S38 | 24 | pin and browser with (SMS short adj messag\$3 adj service) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:59 |
| S37 | 4 | S36 and (pin with (SMS short adj messaging adj service)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:50 |
| S36 | 1956 | 455/432 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:40 |
| S35 | 0 | 455/432.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:38 |
| S34 | 1956 | 455/432 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:38 |
| 833 | 388 | 713/183 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:37 |
| S17 | 259 | 713/184 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 12:36 |
| S31 | 1 | S30 and @pd< "20000922" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:21 |
| S30 | 263 | ((mobile cellular) near2 browser) and authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:20 |
| S28 | 112 | S24 and browser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:16 |
| S27 | 58503 | browser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:15 |
| S24 | 587 | S18 S19 S20 S21 S22 S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:15 |
| S26 | 4 | hansen and hekkanen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:02 |

| S25 | 0 | S24 and mobile adj roaming | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 12:02 |
|--|-----|---|--|----|------|---------------------|
| 83 33 | 99 | ("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | NOFF | 2005/03/14 11:39 |
| S2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 101 | ("5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "6039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "5864853" "5974449" "6049821" "6157618").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 11:39 |

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|-----|----|---|--|----------|-----|------------|
| S21 | 97 | ("5740096" "5781584" | US-PGPUB; | OR | • | 2005/03/14 |
| | | "5841315" "5872466" | USPAT; USOCR; | | | 11:39 |
| | | "5949775" "5978672" | EPO; JPO; | | | |
| | | "6031830" "6108709" | DERWENT; | <u> </u> | | |
| | | "6301474" "6314284" | IBM_TDB | | | |
| | | "6112240" "5574979" | | | | |
| | | "5684860" "5696903" | | | | |
| | | "6477644" "6729929" | | | | |
| | | "6253326" "6330444" | | | | |
| | | "6343318" "6397259" | | ! | | |
| | | "6067456" "6473097" | | | | |
| | | "6473609" "5999811" | | | | |
| | | "6459362" "5689638" | | | | |
| | | "5745702" "5764887" | | | | |
| | | "5764890" "5802178" | | <u> </u> | | |
| | | "5828832" "5832228" | | | | |
| | | "5864665" "5889953" | | | | |
| | | "5983353" "6021495" | | | | |
| | | "6067620" "6145083" | | | | |
| | | "4930159" "5276735" | | | | |
| | | "5444850" "5454078" | | | | |
| | | "5499297" "5502766" | | | | |
| | | "5509027" "5513210" | | | | |
| | | "5583866" "5594921" | | | | |
| | | "5604490" "5611048").pn. | | | | |
| S20 | 99 | ("5239673" "5490139" | US-PGPUB; | OR | OFF | 2005/03/14 |
| 28 | | | | | | |
| | | | | | : | 11:39 |
| | | "5515366" "5530703" | USPAT; USOCR; | | : | 5 |
| | | | | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" | USPAT; USOCR; EPO; JPO; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" "6049712" "6466780" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" "6104929" "5602843" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
| | | "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" "6104929" "5602843" "5625877" "5848064" | USPAT; USOCR; EPO; JPO; DERWENT; | | : | 5 |
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|----------|-----|---|---------------|-----|-----|------------|
| S19 | 97 | ("6246883" "6317594" | US-PGPUB; | OR | OFF | 2005/03/14 |
| | | "6396828" "6600734" | USPAT; USOCR; | | | 11:39 |
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| | | "6747692" "6842460" | DERWENT; | | | |
| | | "5887251" "6141336" | IBM_TDB | | | |
| | } | "6629143" "5963952" | _ | | | |
| | - | "5931873" "6735187" | | | | |
| | | "6535518" "6202158" | | | | |
| | | "6334121" "5930801" | | | | |
| | | "5812776" "5941944" | | | | |
| | | "5968119" "5991760" | | | | |
| | | "6047313" "6061715" | | | | |
| | | "6061715" "6081837" | | | | |
| | | "6094662" "6105028" | | | | |
| | | "6122661" "6199111" | | | | |
| | | "6209030" "6353448" | | | | |
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| | | "6466981" "6118768" "6028848" "6029203" | | | | |
| | | "6052803" "6108330" | | | | |
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| | | "6636894" "5446740" | | | | |
| | | "5568489" "5724574" | | | | |
| | | "6553020" "6671522" | | | | |
| | | "5274841" "5481265" | | | | |
| | | "5729220" "5915224" | | | | |
| | | "6201484" "5212806").pn. | | | | |
| S18 | 97 | ("6484211" "5953005" | US-PGPUB; | OR | OFF | 2005/03/14 |
| | | "5621798" "6272129" | USPAT; USOCR; | | | 11:39 |
| | | "6539237" "6807431" | EPO; JPO; | | | |
| | | "6336137" "5581594" | DERWENT; | | | |
| | | "6272338" "6272341" | IBM_TDB | | | |
| | | "6278861" "6411806" | | | | |
| | | "6477370" "5708780" | | | | |
| | | "6205480" "6023724" | | | | |
| | | "6094659" "6427149" | | | | |
| | | "5920865" "6151628" | | | | |
| | | "6233616" "6530025" | | | | |
| | | "6662005" "6772331" | | | | |
| | | "5802465" "6167248" | | | | |
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| | : } | 1008/243 0185025 | | • • | | |
| | | "6687243" "6185625" "6070184" "6282281" | | | | |
| | | "6070184" "6282281" | | | | |
| | | "6070184" "6282281" "6466570" "6065120" | | | | |
| | | "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" | | | | |
| | | "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" | | | | |
| | | "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" | | | | |
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| | | "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" | | | | |
| | | "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" | | | | |
| | | "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" | | | | |

| S1 | 97 | ("6484211" "5953005" "5621798" "6272129" "6539237" "6807431" "6336137" "5581594" "6272338" "6272341" "6278861" "6411806" "6477370" "5708780" "6205480" "6023724" "6094659" "6427149" "5920865" "6151628" "6233616" "6530025" "6662005" "6772331" "5802465" "6167248" "6687243" "6185625" "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" "6088335" "6134432" "6178331" "6181935").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 |
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| S16 | 15 | ("5884024" "5922049" "6032260" "6061346" "6061796" "6092196" "6137885" "6226751" "6339830" "6367009" "6373946" "6407988" "6452925" "6463474" "6510153").PN. OR ("6704789").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/10 16:52 |
| S15 | 2 | "6704789".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/10 16:27 |
| S14 | 2 | "09303423" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/10 16:27 |

| S12 | 99 | ("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/10 16:09 |
|-----|-----|--|--|----|-----|---------------------|
| S11 | 101 | ("5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "60039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "6049821" "6157618").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/10 16:09 |

| S10 | 97 | ("5740096" "5781584" | US-PGPUB; | OR | OFF | 2005/03/10 |
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| | *** | "5841315" "5872466" | USPAT; USOCR; | | | 16:09 |
| | | "5949775" "5978672" | EPO; JPO; | | | |
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| | | "6301474" "6314284" | IBM_TDB | | | |
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| | | "5684860" "5696903" | | | | |
| | | "6477644" "6729929" | | | | |
| | | "6253326" "6330444" | | | | |
| | | "6343318" "6397259" | | | | |
| | | "6067456" "6473097" | | | | |
| | | "6473609" "5999811" | | | | |
| | | "6459362" "5689638" | | | | |
| | | "5745702" "5764887" | | | | |
| | | "5764890" "5802178" | | | | |
| | *************************************** | "5828832" "5832228" | | | | |
| | *** | "5864665" "5889953" | | | | |
| | | "5983353" "6021495" | | | | |
| | | "6067620" "6145083" | | | | |
| | | "4930159" "5276735" | | | | |
| | | "5444850" "5454078" | | | | |
| | | "5499297" "5502766" | | | | |
| | | "5509027" "5513210" | | | | |
| | | "5583866" "5594921" | | | | |
| | | "5604490" "5611048").pn. | | | | |
| S9 | 99 | ("5239673" "5490139" | US-PGPUB; | OR | OFF | 2005/03/10 |
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| | | "5638378" "5724346" | DERWENT; | | | |
| | | "5757783" "5781542" | IBM_TDB | | | |
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| | | "5917865" "5933420" | | | | |
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| 96 | 99 | ("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/10 12:08 |
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| | | "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn. | | | | |
| 95 | 101 | ("5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "6039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "6049821" "6157618").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/10 12:08 |

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| | "6201484" "5212806").pn. | | | | |

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